

**ISHTA Contract I-14-4636 ■ Elgin O’Hare Western Access  
DuPage and Cook Counties, Illinois**

*Subconsultant Firm for Land Surveying, Utility Coordination, and  
Construction Inspection for Phase III*

Millennia provides Land Surveying, Utility Coordination, and Construction Inspection Services for this Illinois Tollway project which involves roadway and bridge reconstruction. Millennia’s responsibilities include the preparation of documentation (Tollway A-forms), utilized E-builder program; 1-mile project and horizontal and vertical control (GPS), processed GPS and conventional survey field data; performed existing and final x-sections, generated existing and final TIN, models, identified and rectified contractor layout issues; performed road survey layout/checks such as bench circuits, roadway controls, existing pavement lane line cross sections, proposed ROW to confirm work is being done within new ROW, box culverts, ROW staking, earthwork cross sections, subgrade location/grades, pavement location/grades (stringlines), limits of soil modification, PGE location/grades, utility locations, ramp alignments, capping stone location/grades, cross over locations, pavement thicknesses, light poles, and guardrail locations; and performed bridge and retaining wall survey layout/checks such as bridge controls and bench circuits, pier locations, pile locations, bridge clearances, test pile locations, excavation items for bridge, bridge earthwork items, beam seats, cross sections of overpass bridges, and bridge fillets. Utility coordination for the installation of various utilities, resolving utility conflicts, reviewing plans and anticipating possible conflicts prior to installation of gas main watermain, storm sewer, sanitary sewer, electrical conduit, and any other underground appurtenances which may be impacted by roadway bridge and retaining wall construction.

**Clients:**

Illinois State Toll Highway Authority  
2700 Ogden Avenue  
Downers Grove, IL 60515

Bollinger, Lach and Associates, Inc.  
333 Pierce Road, Suite 200  
Itaska, IL 60143  
Phone: 630.438.6400

